IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	: 2132	**Customer No. 35811**
Examiner	: Kambiz Zand	
Serial No.	: 10/647,080	
Filed	: August 22, 2003	Confirmation No.: 1713
Inventor	: Michael Amouse	
Title	: SYSTEM AND METHOD FOR	Docket No.: ARN-03-1221CIP
	: NETWORK SECURITY	
		Dated: October 12, 2006

Box 17
Refund Department
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Certificate of Mailing

For

Postcard
Request for Refund
Copy of Proposed Response
Copy of Email dated September 18, 2006 from Examiner
Copy of "Changes to Patent Fees Under the Consolidated Appropriations Act, 2005 (H.R.
4818/P.L. 108-447)"

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Name of Applicant, Assignee, Applicant's Attorney
or Registered Representative:

DLA Piper US LLP
Customer No. 035811

By: _____

Date: _____10/12/06_____

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.	: 10/647,080	
Filed	: August 22, 2003	Confirmation No.: 1713
Inventor	: Michael Arnouse	
Title	: SYSTEM AND METHOD FOR	Docket No.: ARN-03-1221CIP
	: NETWORK SECURITY	
		Dated: October 12, 2006

REQUEST FOR REFUND

Box 17
Refund Department
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests a refund of the excess claim fee for five independent claims paid on September 18, 2006 for the following reasons.

1. The Examiner and Applicant's representative conducted an interview on September 15, 2006, at which time agreement was reached to amend Claim 56 to include the limitations of Claim 57, and to make further amendments to Claim 56. Claims 1-55 had previously been cancelled, and the Response would result in only Claims 56 and 58-62 pending in the application. Claim 56 is the sole independent claim, with a total of six claims. The Proposed Response discussed during the interview has been attached as Exhibit A.

2. On September 18, 2006, late in the afternoon, the Examiner sent the Applicant's representative an email requesting payment of the excess claim fee for five new dependent claims, indicating that he was in the middle of a final search, and would be able to decide the case outcome by late that evening. To expedite allowance of the case, Applicant's representative provided a deposit account charge authorization. This email is attached as Exhibit B.

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3. The correct method of excess claim fee calculation is explained in the document entitled "Changes to Patent Fees Under the Consolidated Appropriations Act, 2005 (H.R. 4818/P.L. 108-447)", published by the Office of Patent Legal Administration on July 18, 2005, at Page 23. A copy of this document is attached as Exhibit C. According to this document, the determination of the number of claims for which excess claim fees are required must take into account the number of claims that have been cancelled. Because Claims 1-55 have been cancelled, the number of claims present in the application were six total claims including one independent claim, which is less than three independent claims and 20 total claims.

Therefore, Applicant respectfully requests that the amount of $125.00 which was unnecessarily paid for five additional dependent claims be refunded to the Deposit Account No. 50-2719 of DLA Piper US LLP.

Please credit the refunded amount to Deposit Account No. 50-2719 and confirm that such refund has been made.

Respectfully submitted,

William F. Lang IV
Reg. No. 41,928

WFL/as
(215) 656-2451

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit   : 2132
Examiner   : Kambiz Zand
Serial No.   : 10/647,080
Filed   : August 22, 2003
Inventor   : Michael Amouse
Title   : SYSTEM AND METHOD FOR
         : NETWORK SECURITY

Customer No. 35811

Confirmation No.: 1713

Docket No.: ARN-03-1221CIP

Dated: September 11, 2006

PROPOSED RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

     This proposed response is for use by the Examiner during the telephone interview scheduled

for Friday, September 15, 2006, at 10:00 am.

In the Claims:

1-55.   (Cancelled)

56.   (Currently Amended) A system for processing of information over a network comprising:

an identification memory card A first processing device having a plurality of separate, independently accessible compartments for storing information, the identification memory card processing device further being structured to selectively transmit a communication of information from one of the compartments, the communication having a desired destination being a host second processing device, the identification memory card first processing device also transmitting security information associated with the communication; and

an interface structured to receive a communication from less than all of the plurality of compartments, to resist receiving a communication from the remaining of the plurality of compartments, and to receive the security information, the interface being further structured to identify an authorized condition by comparing the security information against previously stored security information to determine when there is a match between the security information and stored security information, the interface further being structured to transmit the communication to the host second processing device on identification of an authorized condition, and to retain the communication or transmit the communication to a third secured processor on identification of an unauthorized condition where there is no match made between the security information and stored security information, so that the communication does not reach the host second processing device.

57.   (Currently amended) The system according to claim 56, wherein:

the identification memory card first processing device includes at least one contact associated

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with each of the compartments; and

the interface includes at least one contact structured to interface with the at least one contact of a preselected compartment of the <u>identification memory card</u> ~~first processing device~~, the interaction of the at least one contacts of the interface and compartment permitting access to the compartment, <u>the interface having only sufficient contacts to access information necessary to the host and not having contacts for accessing other compartments</u>; whereby access to the other compartments by the interface is resisted.

58. (New) The system according to claim 57, wherein:

the at least one contact forms a portion of a plurality of contacts; and

each compartment has a different contact or combination of contacts within the plurality of contacts than all other compartments.

59. (New) The system according to claim 57, further comprising a plurality of interfaces, each interface structured to interface with the at least one contact for one and only one compartment.

60. (New) The system according to claim 56, further comprising a plurality of interfaces, each interface being structured to receive a communication from one and only one compartment.

61. (New) The system according to claim 56, wherein each compartment is encrypted.

62. (New) The system according to claim 56, wherein the security information includes an authentification mark for verifying an identity of a sender.

Remarks

By the present amendment, Claims 56-57 have been amended, and new Claims 58-62 have been added. Claims 56-62 remain pending in the application, with Claim 56 being the sole independent claim.

Rejection of claims under 35 U.S.C. §102

The Examiner rejected Claims 56 and 57 under 35 U.S.C. §102(b) as being anticipated by U.S. 2002/0035685 (Ono). Reconsideration of this rejection, and allowance of Claims 56-57 along with new Claims 58-62, is respectfully requested for the reasons explained below.

Claim 56 recites an identification memory card having a plurality of separate, independently accessible compartments for storing information. Claim 56 further recites an interface structured to receive a communication from less than all of the plurality of compartments, and to resist receiving a communication from the remaining compartments. These features provide the advantage that multiple types of information may be stored on the identification memory card, in a manner that allows the information to be selectively released only to specific individuals or organizations, while guarding the remainder of the information from being released to those same individuals or organizations. Examples of information that may be stored on the identification memory card include driver's license information, criminal history information, social security information, financial information, and medical information. Each interface is limited to receiving only certain types of information, because the other types of information are stored in compartments that the interface cannot access. For example, a hospital or medical office having one interface may be granted access to the medical information, but will be completely unable to access the compartments storing financial information or criminal history information. A financial institution having a

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different interface will have the capability of viewing financial information, but will be completely unable to access storage compartments containing criminal history or medical information. The Specification describes these features at Paragraphs [0026], [0057] (Page 24, last three bullet points), [0061] (Pages 30-31, Advantages 4 and 5), [0063] (Page 33, three to four lines up from the bottom of the page), [0066], [0072], and [0084].

The Examiner asserted that "Examiner considers the compartments as nothing more than storage areas such as hard disk or memory within each of the system devices of client, server or other terminals as disclosed in the above paragraphs." Applicant has amended claim 56 to clarify the limitations on access to these compartments by an interface. The compartments are separate and independently accessible, so that the interface recited within Claim 56 is limited to receiving communications from less than all of the plurality of compartments. Therefore, the information in the remaining compartments remains inaccessible to the interface, thereby preserving the confidentiality of information stored within these remaining compartments with respect to the user of the interface. This is not the manner in which a hard disk operates. A device connected to a hard disk has physical access to all sectors of the hard disk.

The Examiner also referenced Paragraphs [0024] to [0031] and [0036] in Ono, asserting that "the table points to different part of the compartments in broad terms." The Applicant respectfully refers the Examiner to these very same paragraphs within Ono. Paragraphs [0024] to [0029] say nothing whatsoever about any storage compartments. Paragraphs [0030] and [0036] discuss a management table storing security information. As explained in Paragraphs [0065] and [0074], the session management table is searched at various times during the communication process. There is no teaching whatsoever in Ono that different interfaces are required to search different portions of

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the session management table. Conversely, the term "searched" implies that the entire table is accessed and searched.

All embodiments of Ono are directed towards authenticating a message, not towards providing access to a limited number of information compartment while restricting access to other information compartments based on the identity of the person where organization receiving the information. Instead, all messages that are properly authenticated are transmitted by the system in Ono. An example of the verification performed by Ono can be found in Paragraph [0076] which explains, "Since this packet includes the ServerHello message (YES at step P11 and NO at step P12), it is transferred to the TLS message interpreter 104, which checks that the TLS session status of the ServerHello message is not contradictory to that registered in the session management table of the memory 105 before updating the TLS status indicating how much the Handshake procedure progresses (step P13)." A similar example can be found at Paragraph 81. Likewise, the certification check system is explained in Paragraphs [0083] to [0088]. As explained in Paragraph [0084], "when a valid CRL for the CA is not found or update time has elapsed, the CRL request section 110 sends a packet including a message requesting CRL from the CAL that issued the certification of the server through the output terminal 112 (step P15). When receiving a response packet including CRL from the CA, the CRL request section 110 adds the received CRL to the CRL database 109." Paragraph [0085] continues "the authentication section 108 uses the CRL supplied from the CRL database 109 to check whether the certification included in the message received from the CA information extractor 106 is valid (step P16)." Therefore, the criteria for acceptance of a message are determined by the previous information exchanged by the sender and recipient, not by whether the recipient is authorized to receive the information, or whether the information is contained within a compartment

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that the recipient is capable of accessing. All of the checking described within Ono is directed towards authenticating the message, not towards restricting the type of information that a particular interface may access.

Claim 57 recites the additional limitation that the identification memory card includes at least one contact associated with each of the compartments, and that the interface includes at least one contact structured to interface with at least one contact of a preselected compartment of the identification memory card. The interface, which has only sufficient contacts to access information necessary to a host, does not have access to any of the other information compartments. Having a different contact, or combination of contacts, referred to in the Specification as a "pin code," associated with each information compartment is one manner which an interface may be structured to receive information from only selected compartments within the total group of compartments. Claim 58 further specifies the details of this pin code, while Claim 59 recites multiple interfaces, with each interface structured to interface with the contact for one and only one compartment. The interfaces of Claim 59 will therefore be able to extract information from one compartment only, and have no means of accessing information in the other compartments.

Claim 62 recites that the security information includes an authentification mark for verifying the identity of a sender. This provides the advantage of ensuring that the individual transmitting information from the identification memory card has the authority to do so, as well as ensuring that the recipient is authorized to receive the information.

Clearly, the security function disclosed by Ono is very different in structure, function, and result from that which is recited in Claims 56-62. Therefore, Claims 56-62 are respectfully submitted to be allowable over Ono.

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Conclusion

For the above reasons, Claims 56-62 are submitted to be in condition for allowance. If any minor issues remain which could be resolved by a telephone call to Applicant's representative, the Examiner is invited to contact Applicant's representative to resolve those issues.

Respectfully submitted,

William F. Lang IV
Reg. No. 41,928
Attorney for Applicant

WFL/as

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Lang, William

From: Zand, Kambiz [Kambiz.Zand@USPTO.GOV]
Sent: Monday, September 18, 2006 4:27 PM
To: Lang, William
Subject: RE: Application no. 10/647,080

Dear Mr. Lang,

I have been working on the proposed amendments and modifications as we agreed on. I appreciate an authorization for the new charges regarding new dependent claims 58-62 (5 new dependent claims); and other appropriate charges be given by faxing a copy to the official fax and also a copy to fax number 571-273-3811 (my direct office fax). please also respond to this e-mail by authorizing such a charges, so I can enclosed it to appropriate office if such charges are applicable.

I have finished the action, and I am in the middle of the final search. The case outcome would be determined by late evening. I appreciate a prompt response to this matter.
thank you

Kambiz Zand
Primary Examiner
AU 2132
571-272-3811

> -----Original Message-----
> **From:** Lang, William [mailto:William.Lang@dlapiper.com]
> **Sent:** Friday, September 15, 2006 11:00 AM
> **To:** Zand, Kambiz
> **Subject:** Application no. 10/647,080
>
> Dear Examiner Zand:
>
> Thank you for your helpful suggestions during our interview today.
>
> As we discussed, you have my permission to enter an Examiner's amendment based on the proposed amendment I previously faxed to you, with further amendments that we discussed. These amendments include amending claim 56 to include the limitations of claim 57, and making further amendments to clarify that the interface is a hardware interface, and that the contact is a hardware contact pin code.
>
> Best regards,
>
> William F. Lang IV
> DLA Piper US LLP
> One Liberty Place
> 1650 Market St., Suite 4900
> Philadelphia, PA 19103-7301
> Tel: 215-656-2451
> Fax: 215-606-2151
> Email: William.Lang@DLAPiper.com

The information contained in this email may be confidential and/or legally privileged. It has been :

Thank you.

9/18/2006

SEP 18 2006

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Inventor   : Michael Arnouse
Title   : SYSTEM AND METHOD FOR   Docket No.: ARN-03-1221CIP
              : NETWORK SECURITY

Dated: September 18, 2006

AUTHORIZATION FOR NEW CHARGES

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Applicant hereby authorizes payment for five additional dependent claims for the above-

identified application in the total amount of $125 for a small entity. The Commissioner is authorized

to charge this fee and any other required fees to Deposit Account No. 50-2719.

It is respectfully submitted that the entire application is now in condition for allowance.

Respectfully submitted,

William F. Lang IV

William F. Lang IV
Reg. No. 41,928
Attorney for Applicant

Adjustment date: 10/23/2006 SFELEKE1
09/28/2006 WASFAW1 00000065 502719 10647080
01 FC:2202   125.00 CR

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